Saskatchewan
Agriculture
and Food

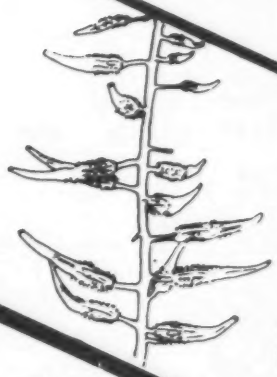
Economics Branch
Statistics

1990 Specialty Crop Report

Canaryseed

Lentils

Buckwheat



Yellow Mustard

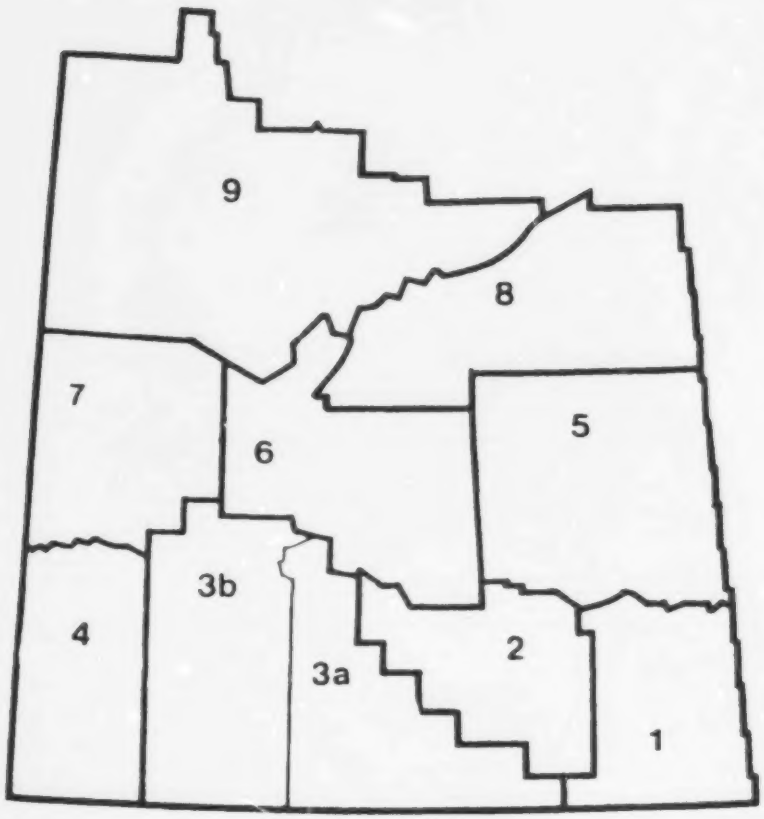
Field Peas

Corn

Sunflower

Figure 1

Saskatchewan Crop District Map



Acknowledgement

Saskatchewan Agriculture and Food, with the assistance of the Canadian Wheat Board, has conducted the ninth annual Specialty Crop Survey. The comprehensive survey of miscellaneous crop producers provides an estimate of area, yield and production of the major specialty crops in Saskatchewan.

The Canadian Wheat Board assisted with the survey by providing the list of names and addresses of the miscellaneous crop producers. The "miscellaneous" crops are defined as all other crops not listed in the Wheat Board permit book. Each miscellaneous crop producer received a questionnaire to report specialty crop acreages and yields. This report is based on the information that was returned by the producers.

STAT Publishing of Vancouver assisted by providing historical grower price information for the development of the report graphics.

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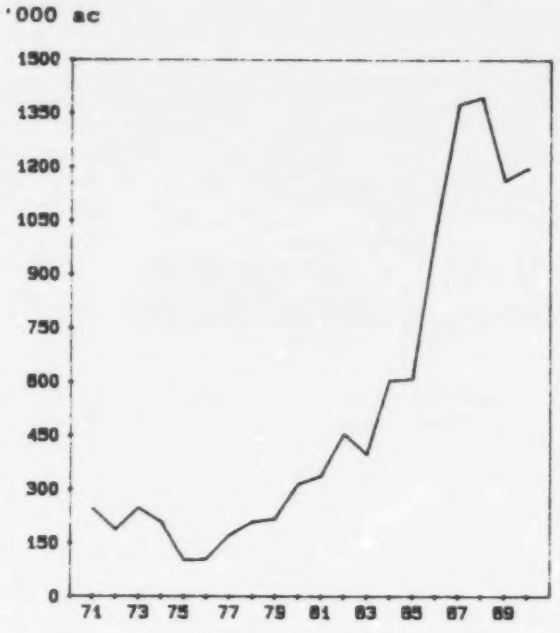
Saskatchewan Specialty Crops, 1971-90



Saskatchewan Agriculture and Food's 1990 survey for specialty crops area and yield estimates Saskatchewan production of the major specialty crops at 620 900 tonnes--up 222 000 tonnes (56%) from 1989. **All yields and production are reported net of dockage.** The increased production reflected increased acreage and considerably better growing conditions from previous years. The area planted to specialty crops increased 3%, to 1.20 million acres, from the 1.16 million acres planted in 1989.

Miscellaneous Crop Producers in Saskatchewan by Crop District

Crop District	1989 Number of Producers	1990	90/89 %
1	680	548	81
2	834	769	92
3	800	792	99
4	115	97	84
5	1 004	1 085	108
6	1 125	1 215	108
7	1 187	1 159	98
8	1 338	1 165	87
9	849	735	87
Sask	7 932	7 565	95

Relative to the previous year, soil moisture conditions across most of Saskatchewan were much improved going into the winter of 1989/90, however some parts of west central and southeast regions continued very dry. Temperatures averaged above normal throughout the winter months. Snowfall accumulation was well above normal over much of the eastern half of the grainbelt while elsewhere below normal snowfall was received. Throughout April and May, temperatures were well below normal while precipitation was above normal in many regions. As a result, seeding operations were not completed until the first week in June. Timely precipitation with normal temperatures throughout the growing season covered much of the grainbelt. A narrow band along the Alberta and United States borders tended to miss much of the rainfall and well below normal production was experienced in these areas. Throughout the growing season crops were developing a week to ten days behind normal. Excellent September weather brought crops to maturity rapidly and as a result harvesting operations were completed by the end of the month with the quality of the 1990 crop one of the best ever recorded.

Throughout late summer and early fall, precipitation across Saskatchewan ranged from 50%-75% of normal with above normal temperatures. Precipitation in October was generally 50% of normal with below normal temperatures. Very little precipitation resulted in extremely dry topsoil moisture conditions. The winter of 1990 started with low moisture reserves in many parts of Saskatchewan and some areas experienced sub-zero temperatures without snow cover. Some snow was received in November, however, temperatures at month end left only a light snow cover across most of the grainbelt. A good snow cover during the winter months will be required to prevent serious soil erosion problems.

The specialty crop survey was sent out to 7 565 Saskatchewan permit book holders who reported growing miscellaneous crops. This compares to 7 932 producers growing specialty crops in 1989. There were 171 more producers growing specialty crops in crop districts 5 and 6. However, there were 538 fewer producers growing specialty crops in the rest of the province for a net result of 367 fewer producers than reported in 1989.

Despite fewer producers, the area devoted to specialty crops increased to 1.20 million acres compared to 1.16 million acres in 1989. Since the mid-1970's, with the exception of 1983 and 1989, acreage devoted to specialty crops has increased year over year. The increase in 1990 was a response to improved growing conditions and the attractiveness of specialty crops compared to competing cereals and oilseeds.

Despite only a 3% increase in acreage, production of the major specialty crops is up 56% from 1989 to 620 900 tonnes. Relative to 1989, production of all specialty crops, except fababeans, alfalfa seed, safflower and silage corn, increased in 1990. Production of fababeans, alfalfa seed and silage corn decreased due to reduced area as yields exceeded those of 1989. Safflower experienced both reduced area and yield from 1989.

Area, Yield and Production of Specialty Crops, Saskatchewan 1989-90

Crop	1989				1990			
	Acres '000	Yield lbs/ac	Yield kg/ac	Prod'n '000 t	Acres '000	Yield lbs/ac	Yield kg/ac	Prod'n '000 t
Brown Mustard	175.0	617	280	49.0	155.0	939	426	66.0
Yellow Mustard	155.0	526	239	37.0	235.0	845	383	90.1
Oriental Mustard	90.0	612	278	25.0	75.0	897	407	30.5
Sunflowers	20.0	650	295	5.9	20.0	889	403	8.1
Lentils	220.0	764	346	76.2	290.0	1 403	636	184.6
Field Peas	180.0	1 164	528	95.0	130.0	1 690	767	99.7
Canaryseed	280.0	750	340	95.3	260.0	1 100	499	129.7
Fababeans	5.0	1 323	600	3.0	1.0	1 750	794	0.8
Buckwheat	2.0	474	215	0.4	2.0	780	354	0.7
Caraway Seed	5.0	529	240	1.2	6.0	645	293	1.8
Safflower	4.0	772	350	1.4	2.0	670	304	0.6
Alfalfa Seed	15.0	250	113	1.7	14.0	255	116	1.6
Sweet Clover Seed	6.0	294	133	0.8	5.0	410	186	0.9
Silage Corn	3.0	5 144	2 333	7.0	1.0	13 000	5 897	5.9
Total	1 160.0			398.9	1 196.0			620.9

Average Area Per Grower, Summerfallow and Stubble Yield and Contracted Acres

Crop	Average Acres per grower		% Stubble Acres	1990 Yield		% of Acres Contracted
	1989	1990	1990	Stubble	Fallow	1990
				lbs/ac		
Brown Mustard	137	135	40	811	1 024	92
Yellow Mustard	134	142	41	755	908	89
Oriental Mustard	143	146	43	761	1 000	83
Sunflowers	155	149	84	859	1 044	74
Lentils	134	152	67	1 375	1 461	58
Field Peas	108	115	90	1 670	1 869	32
Canaryseed	141	151	50	907	1 293	65
Fababeans	64	25	98	1 786		28
Buckwheat	61	22	29	559	870	0
Caraway Seed	104	139	79	503	1 180	62
Safflower	53	121	80	500	1 348	0
Alfalfa Seed	134	128	95	216	996	29
Sweet Clover Seed	73	89	100	410		0
Silage Corn	78	55	100	13 000		

The yields for all specialty crops, except safflower, were significantly better than those reported in 1989. Yield increases ranged from 2% for alfalfa seed to 84%--and a record yield--for lentils. All the specialty crops, except safflower and alfalfa, had greater than 20% yield increases compared to 1989.

While the number of specialty crop growers is down from 1989, the average area sown per grower is up. The average area planted to yellow mustard increased by 8 acres, Oriental mustard - 3 acres, lentils - 18 acres, canaryseed - 10 acres and field peas by 7 acres.

Saskatchewan Specialty Crops Yields by Crop District

Crop	Crop District 1	2	3	4	5	6	7	8	9	Sask
					lbs/ac					
Brown Mustard	1 002	799	845		984	771	1 035	977	1 110	939
Yellow Mustard	965	892	548	763	915	734	707	816	1 139	845
Oriental Mustard	800	1 080	873	918	1 030	767	1 008	969	1 085	897
Sunflowers	1 045	1 026	626							889
Lentils	1 910	1 697	1 307	1 206	1 555	1 311	1 386	1 238	1 234	1 403
Field Peas	1 911	1 461	1 909		1 542	1 712	1 477	1 751	1 728	1 690
Canaryseed	1 032	1 320	800		958	1 178	968	1 104	1 193	1 100
Fababeans										1 750
Buckwheat								773		780
Caraway Seed		1 445	595				336			645
Safflower				604						670
Alfalfa Seed					418	108		142	176	255
Sweet Clover Seed						240		369	680	410

Crop	Crop District 1	2	3	4	5	6	7	8	9	Sask
					kg/ac					
Brown Mustard	455	362	383		446	350	469	443	503	426
Yellow Mustard	438	405	249	346	415	333	321	370	517	383
Oriental Mustard	363	490	396	416	467	348	457	440	492	407
Sunflowers	474	465	284							403
Lentils	866	770	593	547	705	595	629	562	560	636
Field Peas	867	663	866		699	777	670	794	784	767
Canaryseed	468	599	363		435	534	439	501	541	499
Fababeans										794
Buckwheat								351		354
Caraway seed		655	270				152			293
Safflower				274						304
Alfalfa seed					190	49		64	80	116
Sweet Clover seed						109		167	308	186

The average area also increased for caraway seed, safflower and sweet clover seed. The average area per grower decreased for brown mustard, sunflowers, fababeans, buckwheat, alfalfa seed and silage corn. Average area for fababeans and buckwheat both decreased by 39 acres.

Producers planted a greater proportion of the specialty crop acres to stubble in 1990 as compared to 1989. The shift from summerfallow to stubble, occurred for all the specialty crops except buckwheat and alfalfa seed. The total area contracted also increased from 1989. The area contracted increased for all crops except buckwheat, safflower and sweet clover seed.

MUSTARD

The total area of mustard increased to 465 000 acres from 420 000 acres in 1989. As a result of increased acreage combined with increased yields for all three types of mustard, Saskatchewan **mustard** seed production is estimated to be 186 600 tonnes net, up 68% from the 1989 crop.

Brown mustard production is estimated to be 66 000 tonnes--up 17 000 tonnes from 1989. This 35% increase in production is the result of a 52% yield increase more than offsetting an 11% acreage decrease. The proportion of total mustard acres seeded to brown mustard decreased due to large carryover stocks from 1989/90. Yields for brown mustard increased in all crop districts in 1990 and ranged from a high of 1 110 pounds per acre in crop district 9 to a low of 771 pounds per acre in crop district 6.

The brown mustard contracting program for 1990 saw prices in the 12 to 13 cents per pound range (on an average of 800 to 1 000 pounds per contracted acre), compared to contract prices of between 13 and 14 cents per pound for 1989. Spot prices for the top grade of brown mustard ranged from a high of 13.5 cents per pound during October and November, of the 1989/90 crop year, down to a low of 10.5 cents per pound by late July, 1990. The 1990/91 brown mustard crop year began with spot price highs of 10.5 cents per pound. By late November, prices were at 8 cents per pound.

Yellow mustard production is up by 53 100 tonnes to 90 100 tonnes. The area planted to yellow mustard increased to 235 000 acres from 155 000 acres in 1989--a 52% increase. This combined with a 60% increase in yield resulted in over twice the production compared to 1989. Average yields were higher than in 1989 in all crop districts and ranged from 707 pounds per acre in crop district 7 to 1 139 in crop district 9. Crop district 2 reported a yield of 892 pounds per acre which is almost four times that reported in 1989.

Contract prices for yellow mustard ranged from 14.5 to 16.5 cents per pound on the first 600 to 1 000 pounds during the spring of 1990, which is similar to the 1989 contract price. Yellow mustard spot prices were sluggish at the opening of the 1989/90 crop year with lows of 15 cents per pound during August and September. The peak spot price for No. 1 yellow mustard, during the 1989/90 crop year, came in mid-June when yellow mustard posted a high of 20 cents per pound. At the beginning of the 1990/91 crop year, yellow mustard spot prices began

Mustard Supply and Disposition, Western Canada

	Aug 1 Stocks	Acres	Prod'n	Total Supply	Exports (tonnes)	Domestic Use	Seed	F.W.D.	July 31 Stocks
1982/83	10 000	157 000	76 500	86 500	74 200	4 200	2 132	3 920	2 048
1983/84	2 048	235 000	86 400	88 448	74 200	4 410	3 148	4 717	1 974
1984/85	1 974	347 000	112 400	114 374	89 000	4 631	3 084	9 363	8 296
1985/86	8 296	340 000	125 300	133 596	122 600	4 862	4 128	2 095	0
1986/87	0	455 000	226 800	226 800	120 600	45 105	2 540	16 571	41 984
1987/88	41 984	280 000	132 400	174 384	119 265	34 862	3 810	6 165	10 282
1988/89	10 282	420 000	121 100	131 382	91 934	17 605	4 808	2 902	14 133
1989/90	14 133	530 000	165 100	179 233	127 395	27 454	5 352	6 747	12 285
1990/91	12 285	590 000	258 300	270 585	115 000	14 403	4 536	7 764	128 882

a steady decline. By the end of November, 1990, the No. 1 yellow mustard price was 10.5 cents per pound.

Oriental mustard production is estimated to be 30 500 tonnes--up 5 500 tonnes from 1989. Acreage decreased by 15 000 acres to 75 000 acres--a decline of 17%--as a result of large carryover stocks from 1989/90. Similar to brown mustard, a 47% increase in yield more than offset the decrease in acreage. Average yields were up in all crop districts in 1990.

Contracts for Oriental mustard were offered at an average of a half a cent lower in 1990 compared to 1989. The 1990 contract prices for Oriental mustard, were in the 12 to 13 cent per pound range on the first 600 to 1 000 pounds of production. Spot prices during the 1989/90 crop year extended from a high of 12 cents per pound in late October and early November to a low of 10.5 cents by the close of the crop year. The 1990/91 crop year opened with a spot price high of 10.5 cents per pound in early August and fell to a low of 8 cents per pound by late November.

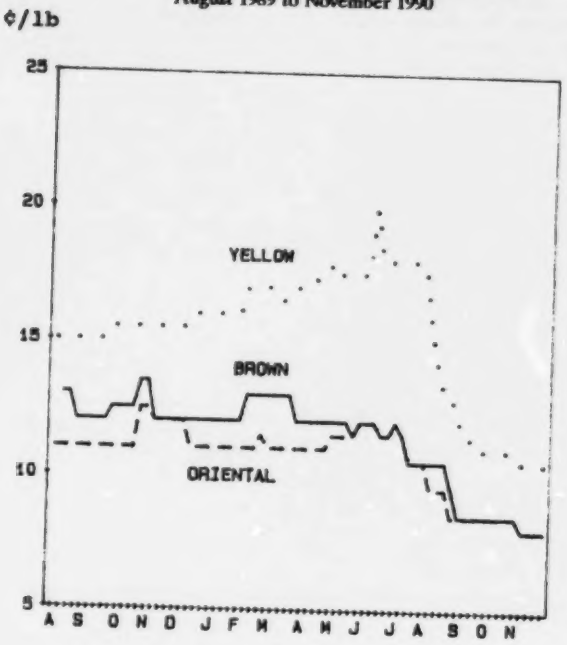
Mustard exports increased to 127.4 thousand tonnes in the 1989/90 crop year--up 39% from the 1988/89 crop year. Exports in 1990/91 are expected to be near 115.0 thousand tonnes, leaving carryout stocks at 128.9 thousand tonnes.

Mustard prices are not expected to experience any significant recovery as we move through the rest of the 1990/91 crop year. Large stocks of both brown and Oriental mustard will keep prices down, while yellow mustard prices will be dependent on the acreage intentions of producers in the coming spring.

Canadian Mustard Exports

August - July	1987/88	1988/89	1989/90
		tonnes	
Total North Europe	48 261.1	36 080.5	44 026.1
Belgium-Luxembourg	7 990.0	13 705.3	18 282.2
West Germany	11 443.6	9 016.1	9 244.3
Other North Europe	28 818.5	13 359.1	16 499.6
Total Other	71 004.2	55 862.1	83 368.5
United States	37 248.9	40 393.9	51 273.3
Japan	10 807.3	8 936.5	8 193.9
Other	22 948.1	6 531.7	23 901.3
Total	119 265.3	91 942.5	127 394.6

Brown, Yellow and Oriental Mustard
Saskatchewan Grower Price
August 1989 to November 1990



LENTILS

Saskatchewan production of **lentils** is estimated to be 184 600 tonnes--almost two and a half times the production of 1989. A 32% increase in area seeded to lentils combined with an 84% increase in yield resulted in the large lentil crop. Average lentil yields were up in all crop districts in 1990. The average yield varied from a high of 1 910 pounds per acre in crop district 1 to a low of 1 206 pounds per acre in crop district 4. The yield in crop district 1 was almost four times as high as in 1989.

Contract prices for lentils remained relatively constant between the 1989 and 1990 crop years. Production contracts in 1990 averaged 18.5 cents per pound on restrictions of 500 to 800 pounds. The Laird lentil grower price opened the 1989/90 crop year at a low of 14 cents per pound, but by June 1990 the price rose to a high of 26.5 cents per pound. Spot prices during the first months of the 1990/91 crop year hit a low of 16.5 cents in October, but by late November, grower prices recovered to 21 cents per pound.

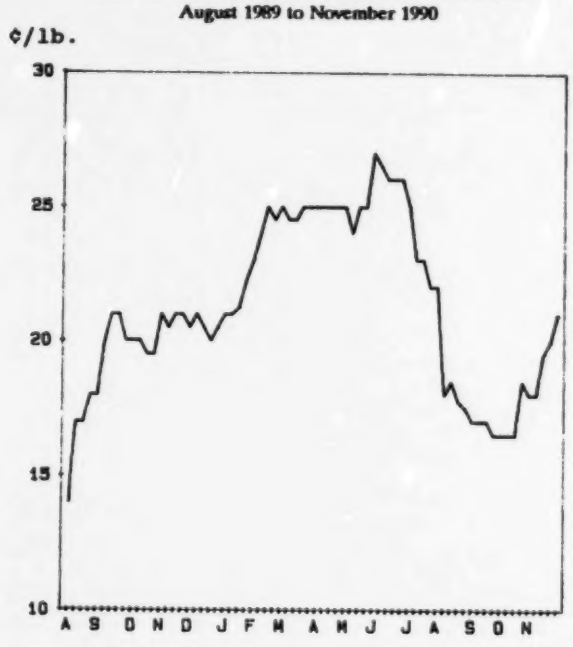
Exports of lentils increased to 87.8 thousand tonnes in the 1989/90 crop year--up 22% from 1988/89 due to the large carryover from 1988/89. Exports in 1990/91 are expected to be 150.0 thousand tonnes, with carryover stocks projected to be 60.9 thousand tonnes.

Canadian lentil prices are expected to remain firm into early 1991 due to the absence of both the U.S. and Turkey from the export market. Low U.S. lentil stocks, due to higher than average U.S. exports and food aid requirements, have put upward pressure on Canadian lentil prices. Adding to the U.S. situation is the absence of Turkey from the lentil export market caused by the uncertainty in the Persian Gulf. Seeding intentions for the spring of 1991 are expected to increase over 1990 levels, both in the U.S. and in Canada. The level of increase of the 1991 North American lentil acreage will determine to what extent lentil prices will decrease for the 1991/92 crop year.

Canadian Lentil Exports

August - July	1987/88	1988/89	1989/90
		tonnes	
Total North Europe	60 273.1	15 997.2	16 699.5
Belgium-Luxembourg	17 379.1	4 390.3	4 899.5
West Germany	9 879.8	4 789.1	6 267.4
Other North Europe	33 014.3	6 817.8	5 532.6
Total Mediterranean	20 692.4	17 566.9	23 859.7
Algeria	399.9	7 567.2	0.0
Spain	7 868.9	3 878.6	7 825.5
Other Mediterranean	12 423.6	6 121.2	16 034.2
Total S/C America	45 000.8	28 923.2	35 584.8
Columbia	28 664.6	18 299.5	25 849.6
Venezuela	9 430.7	4 153.6	1 691.3
Other S/C America	6 905.5	6 470.1	8 044.0
Total Other	21 713.6	9 369.4	11 613.4
Mozambique	3 949.7	2 281.5	1 205.0
Somalia	933.6	1 462.1	2 234.8
Other	16 830.3	5 625.9	8 173.7
Total	147 679.9	71 856.6	87 757.5

Laird Lentil
Saskatchewan Grower Price
August 1989 to November 1990



Lentil Supply and Disposition, Western Canada

	Aug 1 Stocks	Acres	Prod'n	Total Supply	Exports	Domestic Use	Seed	F.W.D.	July 31 Stocks
					(tonnes)				
1982/83	0	175 000	90 200	90 200	42 800	6 300	4 817	4 910	31 373
1983/84	31 373	118 000	57 400	88 773	46 800	6 615	6 409	15 342	13 607
1984/85	13 607	157 000	38 900	52 507	26 300	6 946	7 348	3 325	8 588
1985/86	8 588	180 000	62 400	70 988	40 900	7 293	13 194	4 819	4 782
1986/87	4 782	323 200	170 500	175 282	108 800	7 658	24 086	16 646	18 092
1987/88	18 092	590 000	313 700	331 792	147 680	8 041	13 676	60 572	101 824
1988/89	101 824	335 000	58 600	160 424	71 857	8 443	10 410	9 636	60 078
1989/90	60 078	255 000	96 200	156 278	87 757	8 865	14 492	17 162	28 002
1990/91	28 002	355 000	232 600	260 602	150 000	9 308	24 494	15 931	60 869

CANARYSEED

Saskatchewan **canaryseed** production is estimated to be 129 700 tonnes--up 34 400 tonnes (36%) from 1989. Area seeded decreased by 20 000 acres (7%) to 260 000 acres however this was more than offset by a 47% increase in the provincial average yield. Crop district 6 reported an average yield over twice as high as that in 1989. Average yields in 1990 ranged from 800 pounds per acre in crop district 3 to 1 320 pounds per acre in crop district 2. Yields were up in all areas except crop district 5 which reported an average yield of 958 pounds--6% below that of 1989.

Contract prices for canaryseed ranged from 11 to 12 cents per pound in the spring of 1990 on restrictions of 400 to 800 pounds. This represents a drop of 2 to 3 cents per pound in price from the 1989 contract program. Spot price offerings posted a high of 14 cents per pound at the opening of the 1989/90 crop year. However, by July 1990 canaryseed prices hit a low to close out the crop year at 10 cents per pound. Spot prices, during the early months of the 1990/91 crop year, have persisted with a declining trend to the point of reaching 8.5 cents per pound by late November.

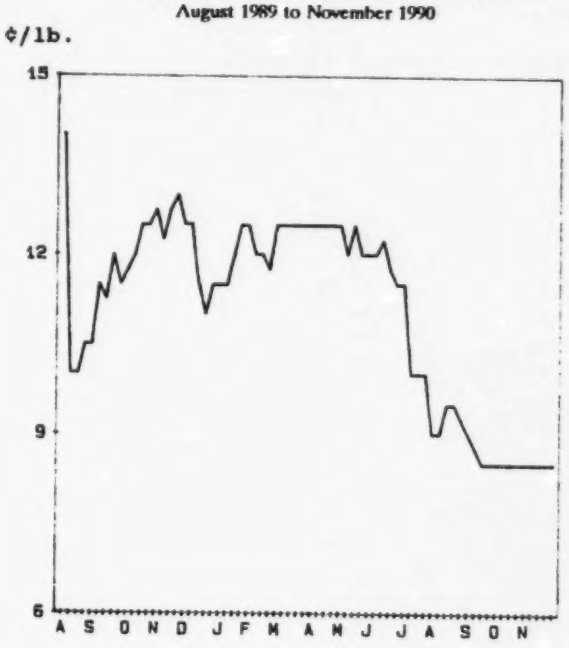
Canaryseed exports in 1989/90 increased to 88.4 thousand tonnes--up from the 50.4 thousand tonnes exported in 1988/89. Exports are estimated to increase during 1990/91 to 90.0 thousand tonnes, with carryout stocks of 82.4 thousand tonnes.

Price prospects do not appear favourable for the remainder of the 1990/91 crop year. The large carryover from 1989/90 combined with the record production for 1990, suggests that canaryseed prices will also remain depressed into 1991/92 crop year. The canaryseed market tends to be price inelastic, that is, lower prices do not necessarily trigger increased demand. However, canaryseed acreage is not expected to drop significantly in 1991 due to low price prospects for alternative crops.

Canadian Canaryseed Exports

August - July	1987/88	1988/89	1989/90
		tonnes	
Total North Europe	33 221.3	19 637.0	33 756.2
United Kingdom	8 240.0	5 395.8	5 708.8
Netherlands	11 643.3	6 440.6	8 210.5
Other North Europe	13 338.0	7 800.5	19 836.9
Total Mediterranean	12 318.4	6 458.0	18 366.0
Total S/C America	6 268.0	2 705.2	2 307.6
Total Other	21 244.8	21 640.5	33 975.2
United States	12 140.2	11 880.9	16 058.4
Mexico	20.0	4 329.6	4 322.5
Other	9 084.7	5 429.9	13 594.3
Total	73 052.6	50 440.7	88 404.9

Canaryseed
Saskatchewan Grower Price
August 1989 to November 1990



Canaryseed Supply and Disposition, Western Canada

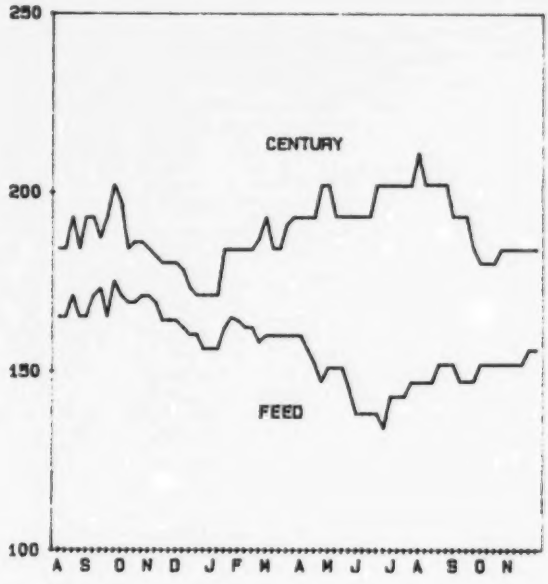
	Aug 1 Stocks	Acres	Prod'n	Total Supply	Exports	Domestic Use	Seed	F.W.D.	July 31 Stocks
					(tonnes)				
1982/83	0	199 000	103 100	103 100	77 900	1 575	2 912	7 948	12 765
1983/84	12 765	107 000	55 800	68 565	37 000	1 654	3 552	3 865	22 495
1984/85	22 495	130 500	45 000	67 495	39 400	1 736	3 320	4 114	18 924
1985/86	18 924	122 000	46 300	65 224	57 100	1 823	6 105	0	196
1986/87	196	224 300	127 600	127 796	92 200	1 914	5 661	9 411	18 610
1987/88	18 610	208 000	100 800	119 410	73 050	2 010	7 076	8 257	29 017
1988/89	29 017	260 000	61 600	90 617	50 440	2 111	8 845	16 832	12 390
1989/90	12 390	324 000	126 300	138 690	88 405	2 216	8 219	9 062	30 787
1990/91	30 787	302 000	160 800	191 587	90 000	2 327	7 620	9 233	82 407

FIELD PEAS

Field pea production in Saskatchewan is estimated to be 99 700 tonnes, up 4 700 tonnes (5%) from 1989. Acreage decreased 28% to 130 000 from the 180 000 acres seeded in 1989. Average yields were up in all crop districts compared to the yields of 1989. The largest yield increase (87%) occurred in crop district 3 which experienced a yield of 1 909 pounds per acre.

Century, Trapper, maple and green field pea contract prices in the spring of 1990 were similar to the 1989 contract program falling into the $180 to $210 per tonne range, on the first 0.27 to 0.54 tonnes (10 to 20 bushels). Feed pea contracts were at consistently lower prices in 1990 compared to 1989. Feed pea contracts ranged from $145 to $147 per tonne on the first 0.27 to 0.54 tonnes of production, down $20 to $30 per tonne from 1989. Spot prices in the human consumption market remained fairly steady during the 1989/90 crop year with Century peas hitting a low of $171 per tonne during the winter and rebounding to a crop year high of $202 per tonne by July. Century pea spot prices opened the 1990/91 crop year at a high of $211 per tonne and fell to $184 per tonne in November, 1990. Feed pea spot prices posted a 1989/90 crop year high of $175 per tonne in September before dipping to a low of $138 per tonne in June. New crop year spot prices for feed peas opened at $147 per tonne and recovered to near the $156 per tonne level by November 1990.

Century and Feed Peas
Saskatchewan Grower Price
August 1989 to November 1990



Canadian Field Pea Exports

August - July	1987/88	1988/89	1989/90
		tonnes	
Total North Europe	303 702.2	129 014.2	74 214.7
Belgium-Luxembourg	70 007.9	46 805.1	41 813.6
West Germany	17 306.7	33 524.8	6 275.1
Netherlands	170 510.6	24 824.2	18 621.5
Other North Europe	45 877.0	23 860.0	7 504.5
Total S/C America	108 150.0	29 552.5	44 607.1
Venezuela	12 701.7	4 434.4	8 413.3
Trinidad	11 780.5	4 602.9	5 389.0
Other S/C America	83 667.8	20 515.2	30 804.8
Total Other	70 534.5	39 929.8	58 644.7
Japan	15 331.7	6 885.6	10 716.8
India	13 409.5	2 377.7	0.0
United States	24 820.1	22 325.6	27 082.9
Other	16 973.1	8 340.8	20 845.0
Total	482 386.7	198 496.5	177 466.4

Field Pea Supply and Disposition, Western Canada

	Aug 1 Stocks	Acres	Prod'n	Total Supply	Exports	Domestic Use	Seed	F.W.D.	July 31 Stocks
					(tonnes)				
1982/83	0	194 000	156 800	156 800	67 700	38 500	12 982	7 434	30 184
1983/84	30 184	159 000	116 700	146 884	80 600	22 000	15 023	10 260	19 001
1984/85	19 001	184 000	131 100	150 101	65 700	24 200	15 023	8 990	36 188
1985/86	36 188	184 000	168 800	204 988	102 700	26 620	26 511	12 932	36 225
1986/87	36 225	324 700	238 300	274 525	103 400	29 282	51 030	13 268	77 545
1987/88	77 545	625 000	437 200	514 745	288 633	32 210	59 194	37 084	97 623
1988/89	97 623	725 000	346 800	444 423	198 497	35 431	35 925	58 393	116 178
1989/90	116 178	440 000	266 400	382 578	177 466	38 974	26 944	21 644	117 549
1990/91	117 549	330 000	288 000	405 549	190 000	42 872	40 824	23 287	108 566

Canadian exports of peas decreased to 177.5 thousand tonnes in 1989/90 from 198.5 thousand tonnes in 1988/89. Field pea exports are expected to increase in 1990/91 to 190.0 thousand tonnes, leaving 108.6 thousand tonnes of carryover stock.

The outlook for the field pea market for the remainder of the 1990/91 crop year is uncertain. Strong demand for green peas has been maintained into late 1990, while yellow pea prices have been slipping due to high stocks. Lower than normal U.S. production, due to poor U.S yields, will help maintain the Canadian green pea price and should also put upward pressure on the price for yellow peas for early 1991. However, rumored tightening of EC import regulations would reduce export opportunities and place downward pressure on Canadian pea prices. Pea acres are expected to increase in 1991, due to poor prospects for alternative crops. As a result, Saskatchewan pea prices may begin to soften as information becomes available on spring seeding intentions.

OTHER CROPS

The 1990 Specialty Crop Survey estimates the **sunflower** yield at 889 lb. per acre resulting in production at 8 100 tonnes --up 2 200 tonnes from 1989. **Fababean** production is estimated at 800 tonnes--down 73% from 1989--as a result of an 80% decrease in seeded acreage more than offsetting a 32% increase in yield. The survey reports an **alfalfa** seed yield of 255 lb. per acre resulting in 1990 production of 1 600 tonnes. This is down 6% from 1989 as a result of a 7% decrease in acreage more than offsetting the 2% increase in yield. **Sweet clover** seed production in 1990 is estimated at 900 tonnes, up 13% from 1989 as a result of a 40% increase in yield more than offsetting the 17% decrease in harvested area. A 20% increase in seeded area combined with an estimated 22% increase in the provincial average yield caused **caraway** seed production to increase 50% to 1 800 tonnes. **Safflower** production is estimated at 600 tonnes, down from 1 400 tonnes in 1989 due to a 50% reduction in area combined with a 13% reduction in average yield.

Western Canada Specialty Crops Area, Gross Production and Exports

	1984	1985	1986	1987	1988	1989	1990
Mustard							
Area				'000 acres			
Alberta	55.0	60.0	70.0	55.0	75.0	80.0	90.0
Saskatchewan	252.0	250.0	350.0	210.0	325.0	420.0	465.0
Manitoba	40.0	30.0	35.0	15.0	20.0	30.0	35.0
Prairies	347.0	340.0	455.0	280.0	420.0	530.0	590.0
Production				'000 tonnes			
Alberta	17.2	15.0	32.7	24.5	22.2	34.0	38.6
Saskatchewan	81.6	95.3	176.9	100.2	90.7	122.0	202.0
Manitoba	13.6	15.0	17.2	7.7	8.2	9.1	17.7
Prairies	112.4	125.3	226.8	132.4	121.1	165.1	258.3
Canadian Exports	**84/85**	**85/86**	**86/87**	**87/88**	**88/89**	**89/90**	
'000 tonnes	89.0	122.6	120.6	119.3	91.9	127.4	
$/tonne	472.00	317.00	335.00	286.00	344.00	383.00	
Sunflowers							
Area				'000 acres			
Alberta	2.3	3.0	3.0	3.7	4.4	3.5	3.5
Saskatchewan	26.0	8.0	7.5	15.0	15.0	20.0	20.0
Manitoba	170.0	120.0	57.0	70.0	85.0	115.0	145.0
Prairies	198.3	131.0	67.5	88.7	104.4	138.5	168.5
Production				'000 tonnes			
Alberta	2.2	3.0	3.0	2.0	3.4	2.7	2.2
Saskatchewan	5.4	2.7	3.2	7.9	5.0	5.9	8.6
Manitoba	79.4	59.0	33.1	44.5	42.6	63.0	104.3
Prairies	87.0	64.7	39.3	54.4	51.0	71.6	115.1
Canadian Exports	**84/85**	**85/86**	**86/87**	**87/88**	**88/89**	**89/90**	
'000 tonnes	53.4	15.9	8.2	14.1	13.6	16.7	
$/tonne	399.00	389.00	348.00	343.00	418.00	413.00	
Lentils							
Area				'000 acres			
Alberta	2.0	5.0	12.2	30.0	5.0	5.0	5.0
Saskatchewan	130.0	150.0	267.0	500.0	300.0	220.0	290.0
Manitoba	25.0	25.0	44.0	60.0	30.0	30.0	60.0
Prairies	157.0	180.0	323.2	590.0	335.0	255.0	355.0
Production				'000 tonnes			
Alberta	0.4	1.1	4.5	13.4	1.4	1.8	2.7
Saskatchewan	24.9	46.3	145.1	263.1	49.9	79.4	188.2
Manitoba	13.6	15.0	20.9	37.2	7.3	15.0	41.7
Prairies	38.9	62.4	170.5	313.7	58.6	96.2	232.6
Canadian Exports	**84/85**	**85/86**	**86/87**	**87/88**	**88/89**	**89/90**	
'000 tonnes	26.3	40.9	108.8	147.7	71.9	87.8	
$/tonne	611.00	694.00	580.00	394.00	501.00	552.00	
Field Peas							
Area				'000 acres			
Alberta	14.0	14.0	14.7	65.0	120.0	110.0	100.0
Saskatchewan	60.0	70.0	165.0	380.0	425.0	200.0	130.0
Manitoba	110.0	100.0	145.0	180.0	180.0	130.0	100.0
Prairies	184.0	184.0	324.7	625.0	725.0	440.0	330.0
Production				'000 tonnes			
Alberta	12.8	10.9	15.2	42.6	110.0	92.5	103.4
Saskatchewan	36.7	57.2	119.7	250.4	157.9	95.0	103.0
Manitoba	81.6	100.7	103.4	144.2	78.9	78.9	81.6
Prairies	131.1	168.8	238.3	437.2	346.8	266.4	288.0
Canadian Exports	**84/85**	**85/86**	**86/87**	**87/88**	**88/89**	**89/90**	
'000 tonnes	65.7	102.7	121.8	482.4	198.5	177.5	
$/tonne	341.00	342.00	266.00	240.00	288.00	283.00	

Western Canada Specialty Crops Area, Gross Production and Exports

	1984	1985	1986	1987	1988	1989	1990
Canaryseed							
Area				'000 acres			
Alberta	5.5	2.0	3.0	3.0	5.0	4.0	7.0
Saskatchewan	95.0	100.0	164.0	180.0	230.0	280.0	260.0
Manitoba	30.0	20.0	57.3	25.0	25.0	40.0	35.0
Prairies	130.5	122.0	224.3	208.0	260.0	324.0	302.0
Production				'000 tonnes			
Alberta	1.9	1.2	1.5	1.2	1.7	1.6	3.5
Saskatchewan	32.2	28.2	97.5	86.2	52.2	102.0	136.0
Manitoba	10.9	10.9	28.6	13.4	7.7	22.7	21.3
Prairies	45.0	40.3	127.6	100.8	61.6	126.3	160.8
Canadian Exports	**84/85**	**85/86**	**86/87**	**87/88**	**88/89**	**89/90**	
'000 tonnes	39.4	57.1	92.0	73.1	50.4	88.4	
$/tonne	399.00	412.00	351.00	332.00	493.00	416.00	
Fababeans							
Area				'000 acres			
Alberta	6.0	5.0	1.4	1.8	3.5	3.5	2.6
Saskatchewan	3.4	2.0	4.4	10.0	28.0	5.0	1.0
Manitoba	12.0	11.0	13.1	16.0	18.0	15.0	2.0
Prairies	21.4	18.0	18.9	27.8	49.5	23.5	5.6
Production				'000 tonnes			
Alberta	5.0	4.8	1.2	1.5	3.4	2.9	2.3
Saskatchewan	1.5	1.8	3.6	9.2	9.3	3.0	0.8
Manitoba	7.1	6.0	11.8	13.8	4.8	9.7	1.5
Prairies	13.6	12.6	16.6	24.5	17.5	15.6	4.6
Canadian Exports	**84/85**	**85/86**	**86/87**	**87/88**	**88/89**	**89/90**	
'000 tonnes	9.3	4.8	13.0	25.5	9.7	4.7	
$/tonne	457.00	390.00	427.00	257.00	312.00	230.00	
Buckwheat							
Area				'000 acres			
Alberta	0.2	-	0.2	1.0	1.0	1.0	0.5
Saskatchewan	11.0	3.0	4.7	5.0	1.0	2.0	2.0
Manitoba	70.0	30.0	54.0	40.0	50.0	50.0	60.0
Prairies	81.2	33.0	58.9	46.0	52.0	53.0	62.5
Production				'000 tonnes			
Alberta	0.1	-	0.3	0.4	0.4	0.4	0.4
Saskatchewan	0.9	0.5	1.2	1.2	0.2	0.4	0.7
Manitoba	13.1	10.7	20.2	20.2	12.4	14.6	26.1
Prairies	14.1	11.2	21.7	21.8	13.0	15.4	27.2
Canadian Exports	**84/85**	**85/86**	**86/87**	**87/88**	**88/89**	**89/90**	
'000 tonnes	14.7	7.5	11.0	13.5	16.0	10.8	
$/tonne	394.00	464.00	405.00	357.00	452.00	485.00	

Sources: Statistics Canada
Alberta Agriculture
Manitoba Agriculture
Saskatchewan Agriculture and Food

Saskatchewan Specialty Crops Area Seeded

Year	Mustard	Sunflowers	Lentils	Field Peas	Canaryseed	Fababeans	Buckwheat
				'000 acres			
1982	82.0	16.0	125.0	71.0	136.0	1.0	4.5
1983	140.0	13.0	91.0	45.0	77.0	1.0	3.0
1984	252.0	26.0	130.0	60.0	95.0	3.4	11.0
1985	250.0	8.0	150.0	70.0	100.0	2.0	3.0
1986	350.0	7.5	267.0	165.0	164.0	4.4	4.7
1987	210.0	15.0	500.0	380.0	180.0	10.0	5.0
1988	325.0	15.0	300.0	425.0	230.0	28.0	1.0
1989	420.0	20.0	220.0	180.0	280.0	5.0	2.0
1990	465.0	20.0	290.0	130.0	260.0	1.0	2.0

Saskatchewan Specialty Crops Yields

Year	Mustard	Sunflowers	Lentils	Field Peas	Canaryseed	Fababeans	Buckwheat
				lbs/acre			
1982	1 038	1 006	1 199	1 859	1 203	2 205	784
1983	786	916	1 100	1 665	1 142	1 323	808
1984	714	462	422	1 348	747	973	180
1985	840	733	680	1 801	622	1 984	367
1986	1 114	941	1 198	1 599	1 311	1 804	563
1987	1 052	1 161	1 160	1 453	1 053	2 028	529
1988	539	676	334	762	440	732	529
1989	583	650	764	1 164	750	1 323	474
1990	884	889	1 403	1 690	1 100	1 750	780
				kg/acre			
1982	471	456	544	843	546	1 000	356
1983	357	415	499	755	518	600	367
1984	324	210	191	611	339	441	82
1985	381	332	308	817	282	900	166
1986	505	427	543	725	595	818	255
1987	477	527	526	659	478	920	240
1988	244	307	152	346	200	332	240
1989	264	295	347	528	340	600	215
1990	401	403	636	767	499	794	354

Saskatchewan Specialty Crops Prices, Crop Year 1982/83 - 1990/91

Year	Mustard	Sunflowers	Lentils	Field Peas	Canaryseed	Fababeans	Buckwheat
				cents/lb			
1982	12.0	9.1	15.0	9.0	10.0	9.0	10.0
1983	15.4	12.0	15.0	8.0	11.0	9.0	10.2
1984	16.5	15.3	18.5	9.1	12.0	11.0	11.0
1985	15.0	13.0	30.0	9.5	12.0	13.0	12.5
1986	12.0	7.5	21.5	8.8	11.5	8.5	11.5
1987	9.0	11.0	12.0	8.0	9.0	8.0	8.0
1988	12.0	13.6	16.6	9.0	12.5	7.5	9.5
1989	13.5	11.8	20.0	8.2	12.9	6.7	11.3
1990 est.	11.9	11.0	16.7	7.6	9.5	7.0	9.5
				$/tonne			
1982	265	201	331	198	220	198	220
1983	340	265	331	176	243	198	225
1984	364	337	408	201	265	243	243
1985	331	287	661	209	265	287	276
1986	265	165	474	194	254	187	254
1987	198	243	265	176	198	176	176
1988	265	300	366	198	276	165	209
1989	298	260	441	181	284	148	249
1990 est.	262	243	368	168	209	154	210

Saskatchewan Agriculture and Food
1990 Specialty Crops Survey

The Canadian Wheat Board's records show that your 1990-91 permit book application specified some "miscellaneous" crop acreage. In an effort to make accurate estimates of specialty crops production in the province, Saskatchewan Agriculture and Food is surveying all permit book holders who report "miscellaneous" crops on their permit book application. Please report the **area seeded in 1990** and your **yield per seeded acre.** (Please note that the seeded area should include any area ploughed down or abandoned, the area harvested for forage as well as the area combined.) Your reply to this questionnaire is voluntary. Your reply will be kept confidential — under no circumstances will individual data be released or published.

Please See Reverse

								FOR OFFICE USE		
								Sequence		No Crops
Crop	lbs. Per Bu.	Code	Number of Seeded Acres 1989	1990 Fallow	1990 Stubble	1990 Yield(s) After Dockage lbs/ac. Fallow	Stubble	Was the Crop Contracted "Yes" or "No"		
Brown Mustard	50	01								
Yellow Mustard	50	02								
Oriental Mustard	50	03								
Confection Sunflower	30	04								
Oilseed Sunflower	30	05								
Canaryseed	50	07								
Lentils	60	06								
Dry Peas	60									
Fababeans	60									
Buckwheat	48									
Millet	48									
Caraway Seed	35									
Safflower	45	15								
Triticale	60	18								
Grain Corn	60	17								
Silage Corn		16								
Acreages Harvested for Seed in 1990										
Alfalfa (seed)	60	12	0	0		0				
Sweet Clover (seed)	60	13	0	0		0				
Other Specialty Crops:										
1.										
2.										
3.										

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Comments _____